

Image of single quantum dots

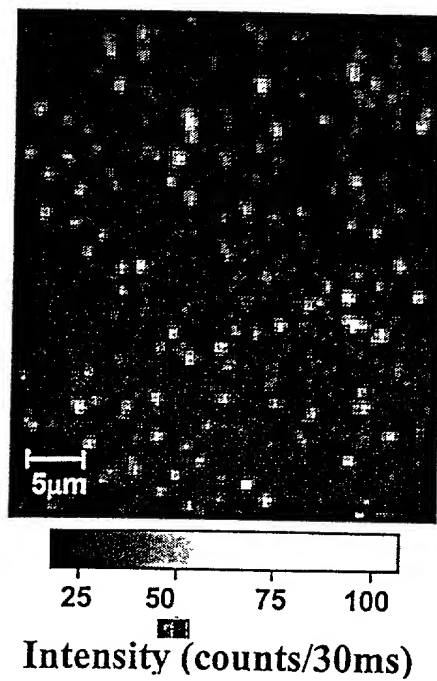


FIG. 1A

Single quantum dot spectra

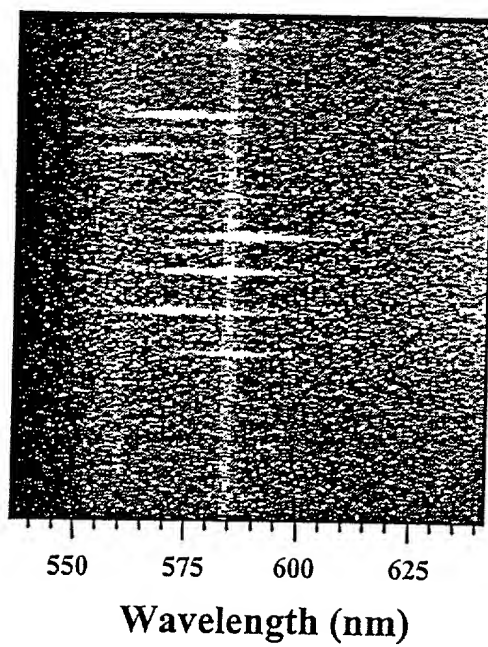


FIG. 1B

FIG. 2A



FIG. 2B

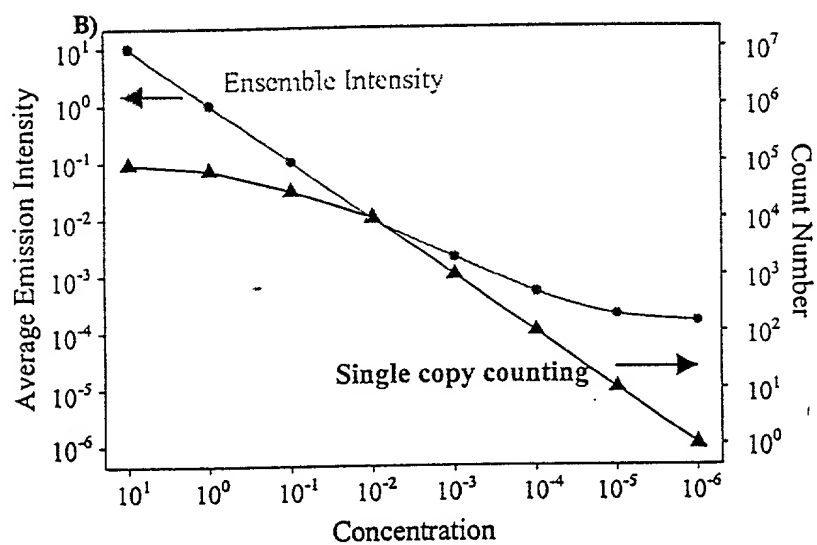


FIG. 2C

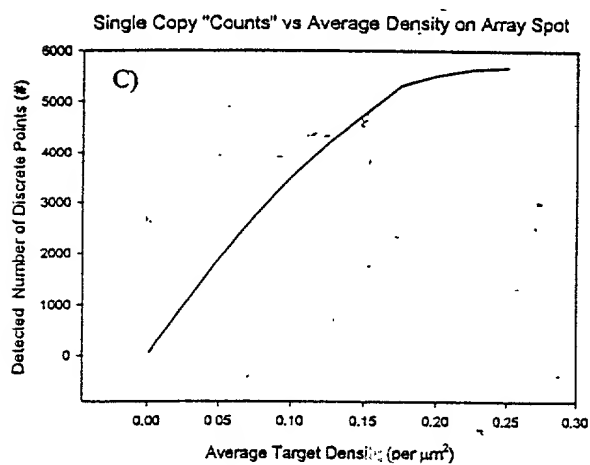


FIG. 3A

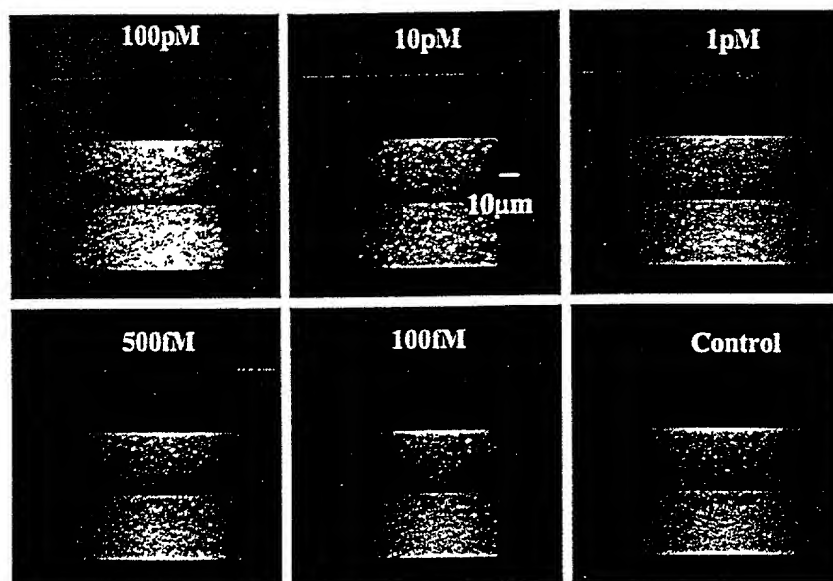


FIG. 3B

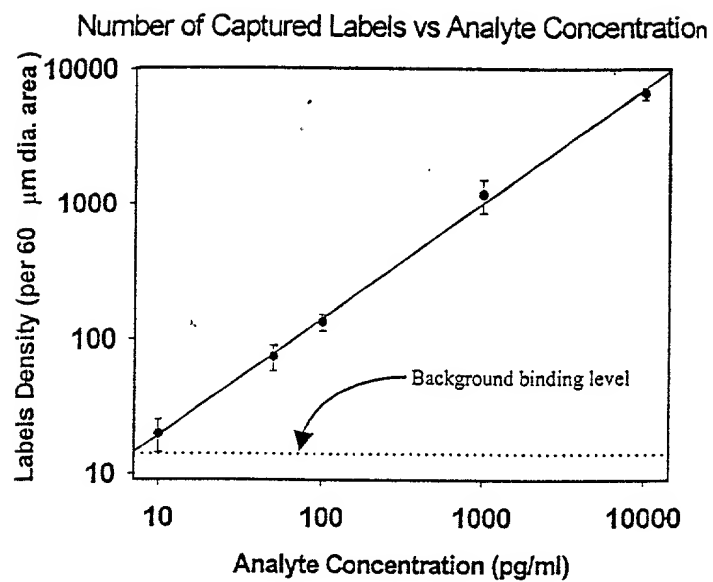


FIG. 4A

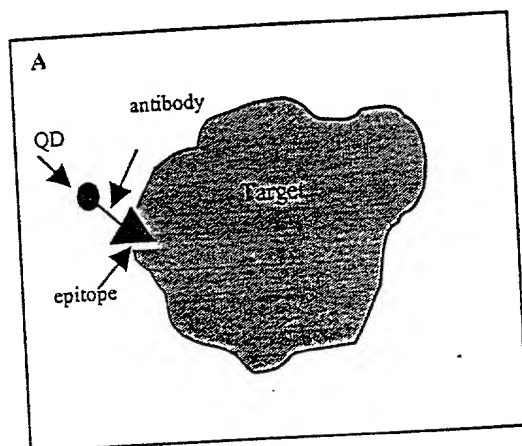
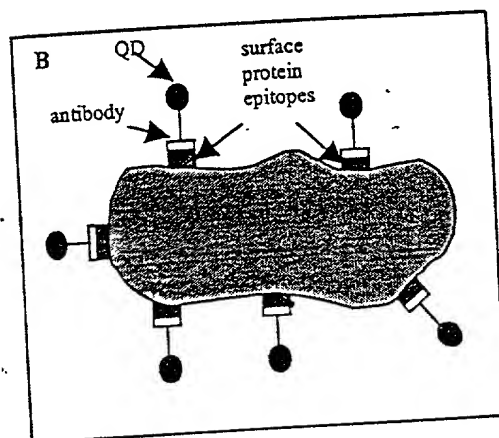


FIG. 4B



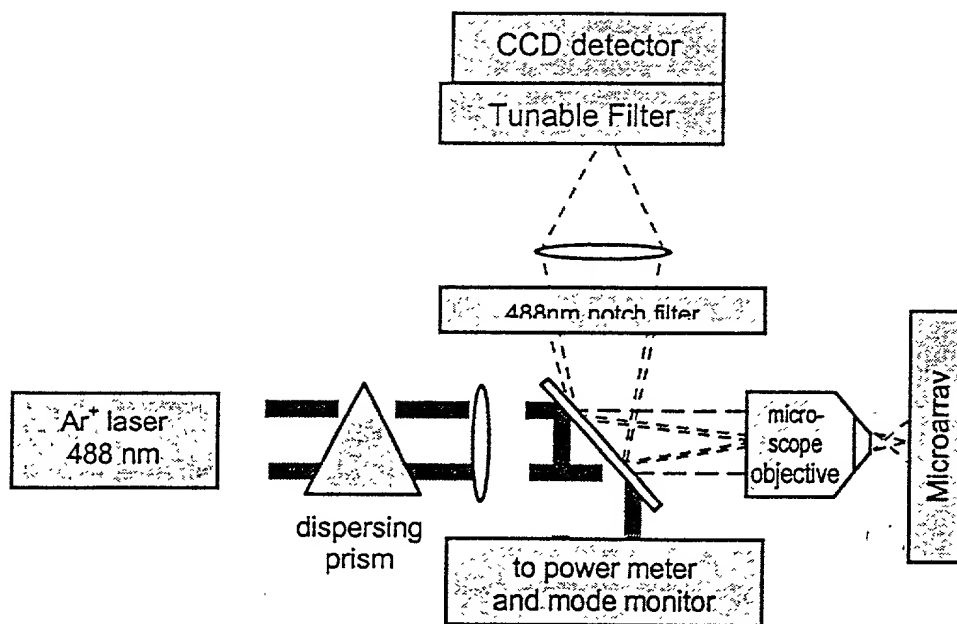
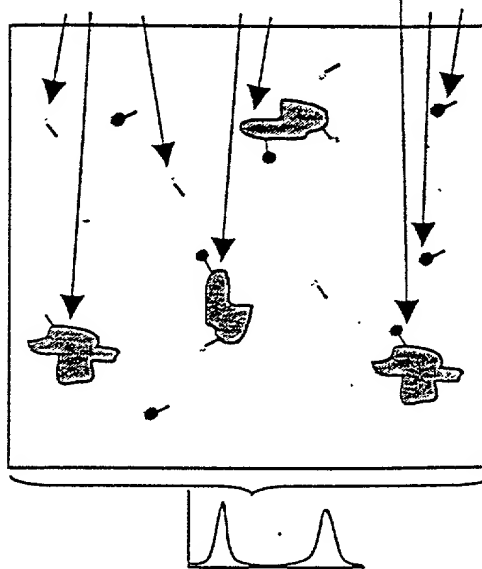
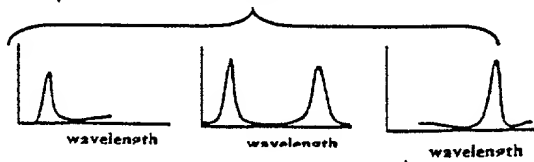
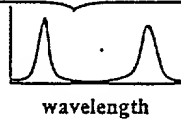


FIG. 5

Spectra with High Spatial Resolution



- Label #2
- Label #1
- Non-specific Target
- Specific Target



Spectrum with Low Spatial Resolution

FIG. 6

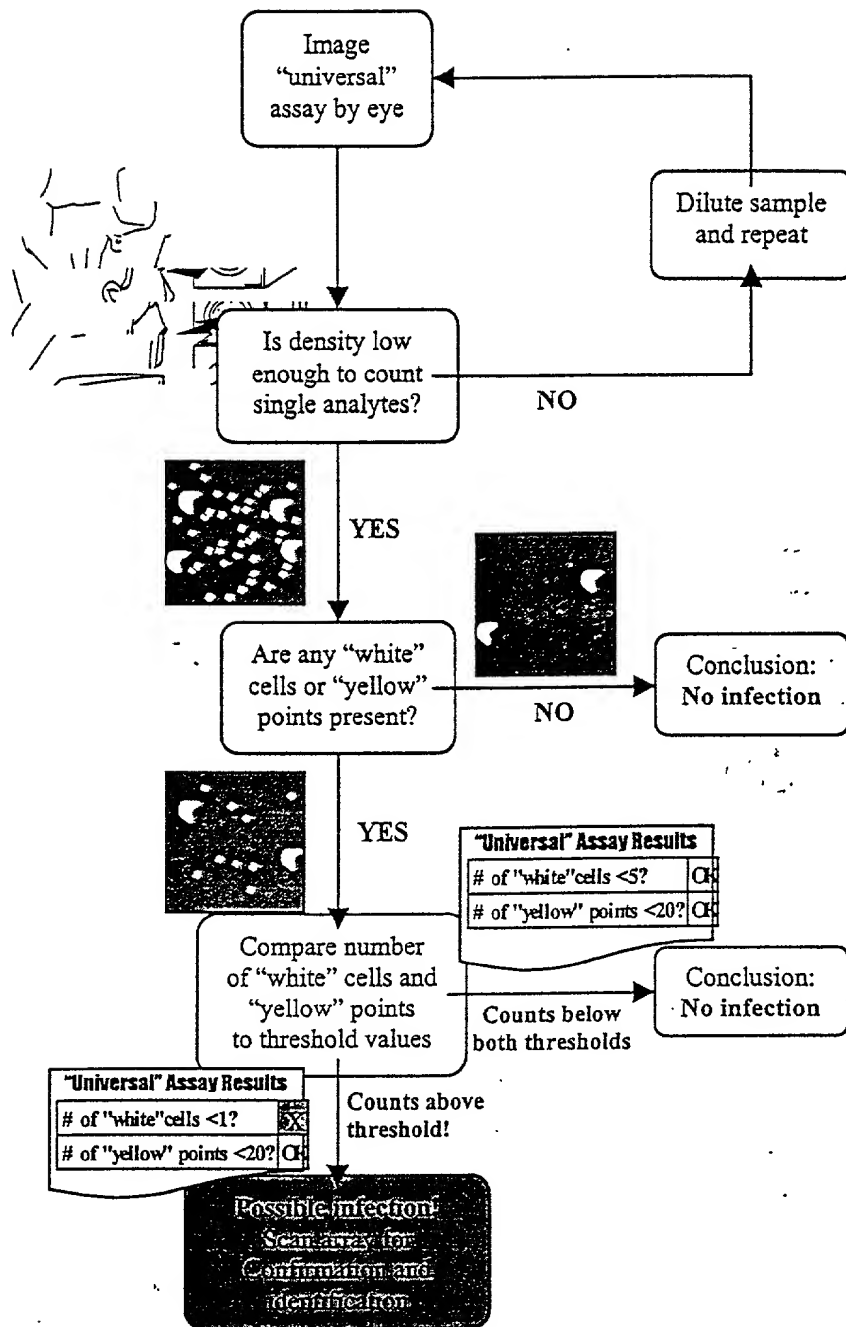


FIG. 7

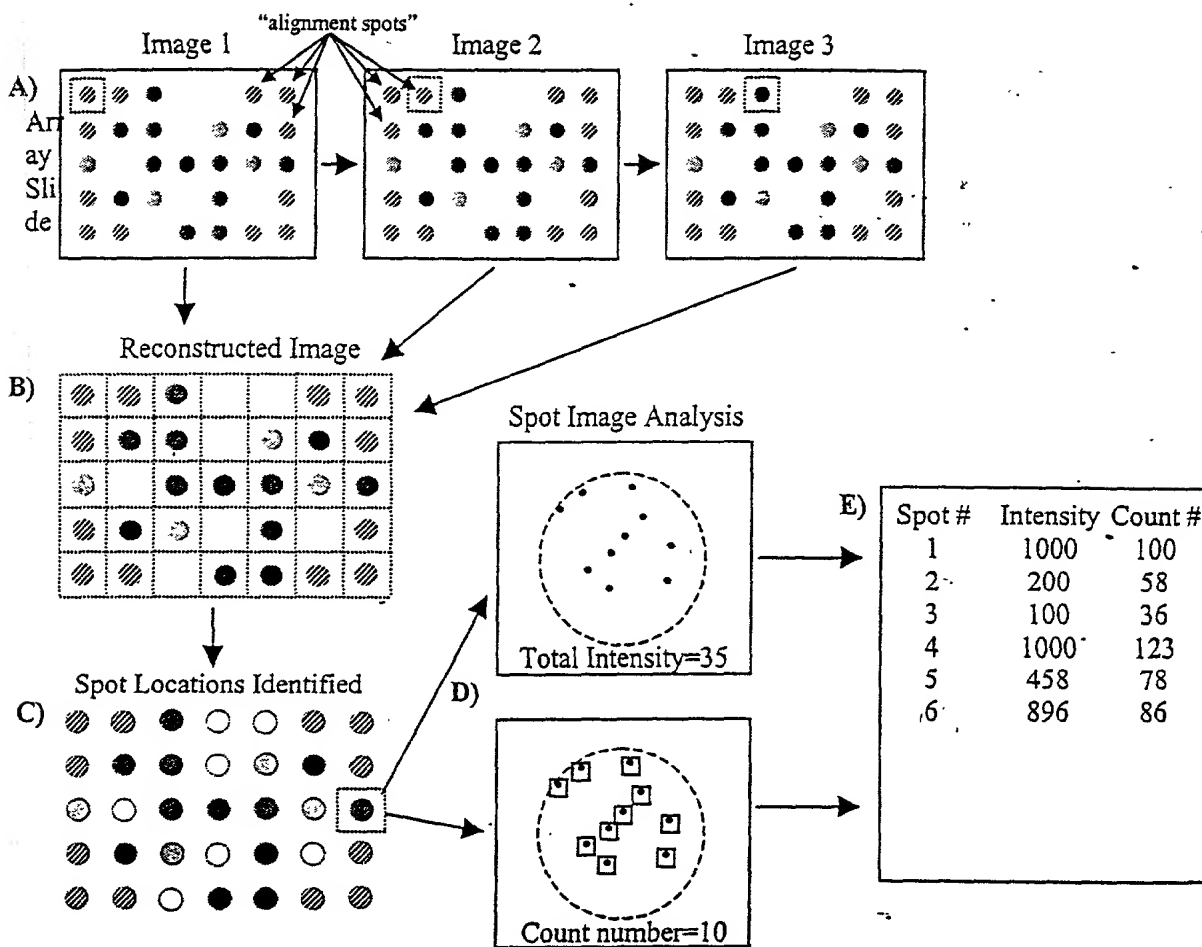


FIG. 8

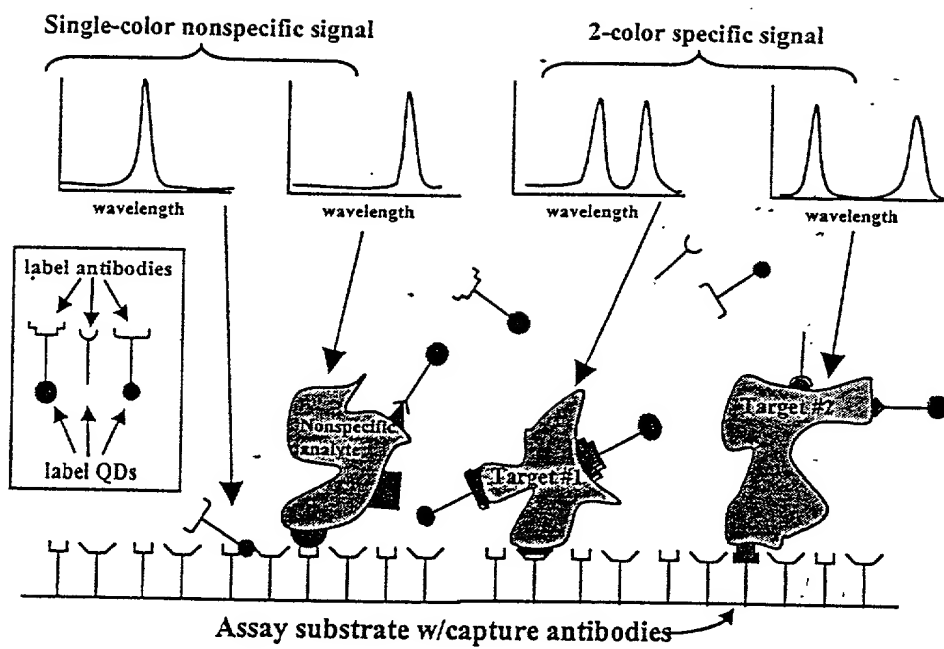


FIG. 9

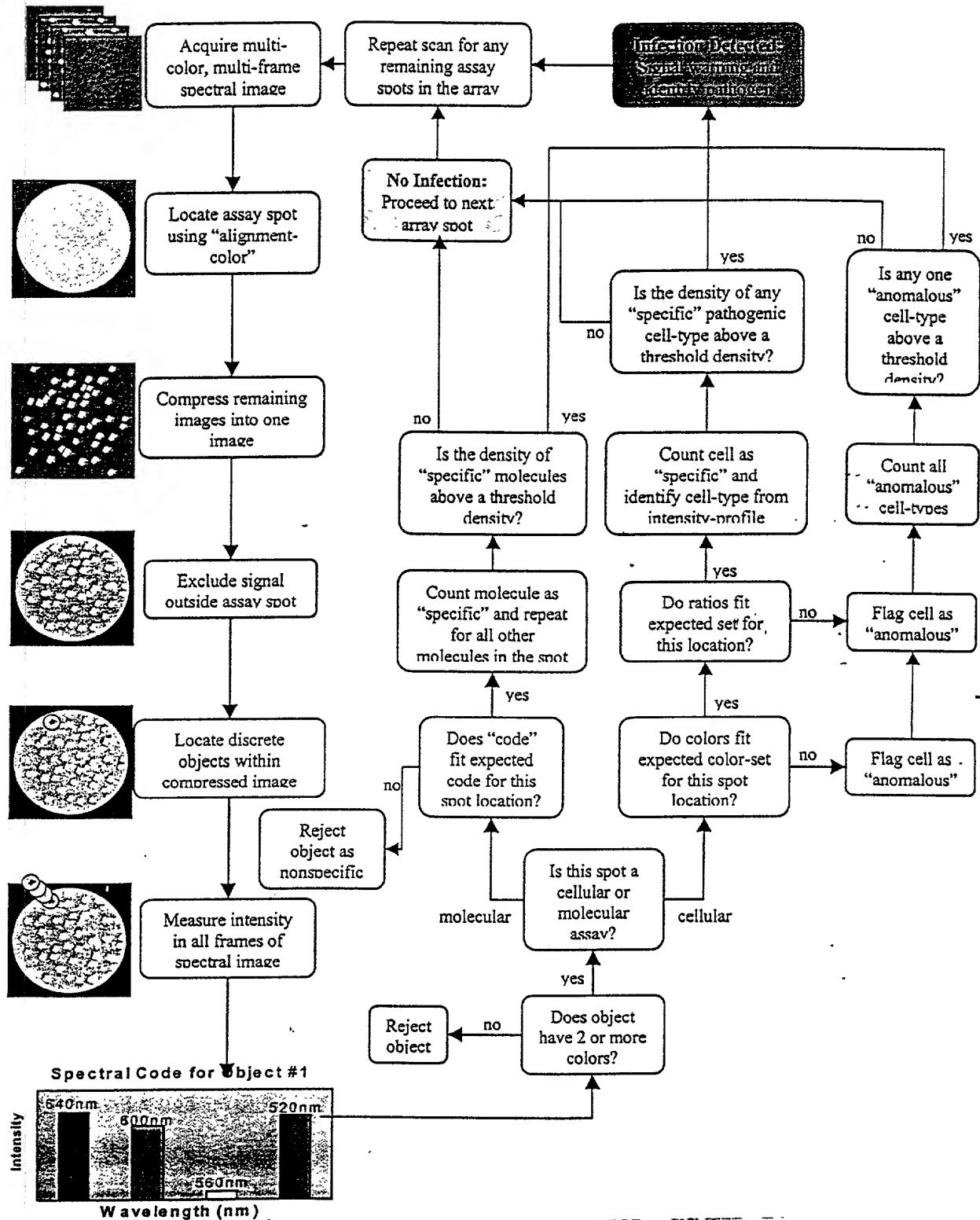


FIG. 10

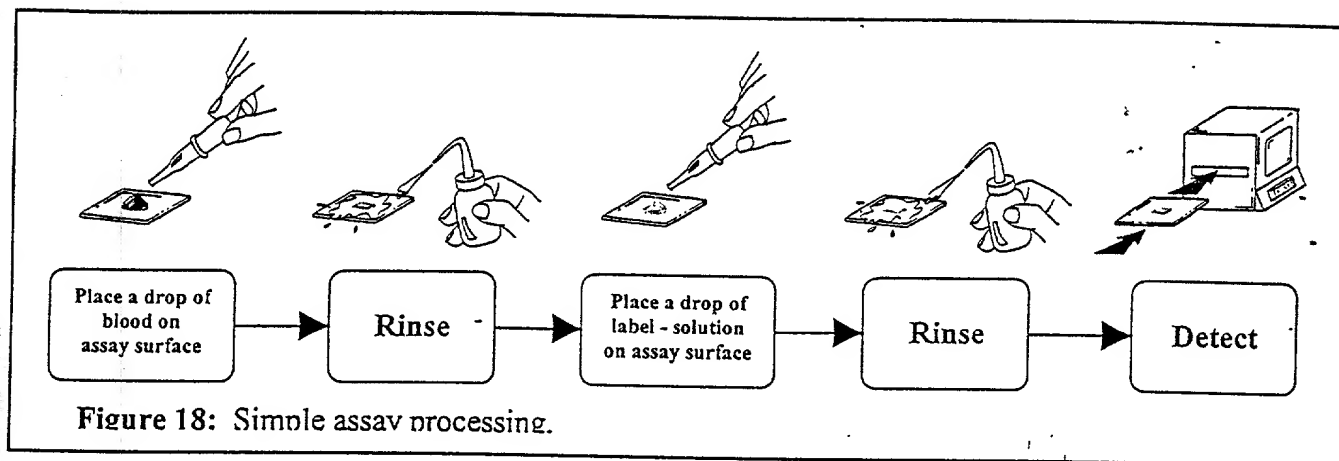


FIG. 11